

- (c) a polynucleotide complement of the polynucleotide of (a) or (b), and
- (d) a polynucleotide at least 90% identical to the polynucleotide of (a) or (b)

wherein said polynucleotide encodes a polypeptide that has mitogenic activity as determined by *Xenopus* oocyte maturation assay.

3. (Twice amended) An isolated nucleic acid molecule comprising a polynucleotide encoding a polypeptide having an amino acid sequence from amino acid 1 to amino acid 115 or from amino acid 2 to amino acid 115 of SEQ ID NO:4, wherein said polypeptide has at least one conservative amino acid substitution, at least 90% identity with SEQ ID NO:4, and mitogenic activity as determined by *Xenopus* oocyte maturation assay.

14. (Twice amended) A composition comprising an isolated polynucleotide encoding a polypeptide comprising an amino acid sequence selected from the group consisting of:

(a) an amino acid sequence from amino acid 4 to amino acid 50 of SEQ ID NO:4;

(b) an amino acid sequence from amino acid 9 to amino acid 45 of SEQ ID NO:4; and

(c) an amino acid sequence at least 86% identical to said amino acid sequence of (a) or (b), wherein said polypeptide has mitogenic activity as determined by *Xenopus* oocyte maturation assay.